Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
51	2	wo-9715690-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/01 11:43
52	232	(359/2).ccLs.	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26
53	903	(359/566).CCLS.	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
			: IBM_TDB			
54	676	(359/569).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
			IBM_TDB			
55	325	(359/558).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
			; IBM_TDB			
56	278	(359/571). <i>CC</i> LS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
		·	: IBM_TDB			
57	330	(359/572).ccLs.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
		· · · · · · · · · · · · · · · · · · ·	IBM_TDB	÷		
58	658	(356/72).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
		·	: IBM_TDB			
59	1888	(356/73.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:07
			IBM_TDB			

510	1385	(385/12).CCLS.	US-PGPUB;	OR	OFF	2004/09/26
			USPAT; USOCR;			19:07
			EPO; JPO;			
			DERWENT ;			
			IBM_TDB			
511	820	(385/128).CCL5.	US-PGPUB; USPAT;	OR	OFF	2004/09/26 19:07
			USOCR; EPO; JPO;			
			DERWENT			
			IBM_TDB			
512	2621	(385/37).CCLS.	US-PGPUB;	OR	OFF	2004/09/26
			USPAT; USOCR;			19:07
			EPO; JPO; DERWENT	į		
			;			
513	72	(250/559.04). <i>CC</i> LS.	IBM_TDB US-PGPUB;	OR	OFF	2004/09/26
		(assissing years)	USPAT;			19:07
	[USOCR; EPO; JPO;			
			DERWENT :			
			IBM_TDB			
514	55	(250/559.11).CCLS.	US-PGPUB; USPAT;	OR	OFF	2004/09/26 19:07
			USOCR;			15.07
			EPO; JPO; DERWENT			
			; IBM_TDB			
S15	680	(250/559.4).CCLS.	US-PGPUB;	OR	OFF	2004/09/26
	i		USPAT; USOCR;			19:07
			EPO; JPO;			
		,	DERWENT ;			
61/	/20	(250/227.14) 661.6	IBM_TDB		055	0004/00/0
516	629	(250/227.14).CCLS.	US-PGPUB; USPAT;	OR	OFF	2004/09/26 19:07
			USOCR; EPO; JPO;			
			DERWENT			
			IBM_TDB			
517	152	(250/227.29).CCLS.	US-PGPUB;	OR	OFF	2004/09/26
		,	USPAT; US <i>OC</i> R;			19:08
		·	EPO; JPO; DERWENT			λ.
			;			
518	. 669	(250/566).CCLS.	IBM_TDB US-PGPUB;	OR	OFF	2004/09/26
	309	(USPAT;		OFF.	19:08
	·		USOCR; EPO; JPO;			
			DERWENT			
			IBW_TDB			

S19 ⁻	329	(250/568).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;	OR	OFF	2004/09/26 19:08
			IBM_TDB			
520	203	(235/473) CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
		•	IBM_TDB			
521	5177	(435/4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBM_TDB		:	
522	922	(435/288.7).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBW_TDB			
523	710	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((359/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((435/473).CCLS.) or ((435/4).CCLS.) or ((US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 11:35
524	575	(((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/4).CCLS.) or ((435/4).CCLS.) or (0) and ((435/4).CCLS.) or ((435/4).CCLS.) o	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 11:35
S25	2	("5,089,387").PN	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;	OR	OFF	2004/09/26 19:53
526	17759	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558). CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37). CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4). CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566). CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 10:48

298	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((US-PGPUB; USPAT; EPO: JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 11:37
29	("4539507" "4833092" "5034613" "5136572" "5141671" "5214409" "5252962" "5257011" "5266926" "5351052" "5405709" "5409783" "5434878" "5438878" "5448582" "5503805" "5558904" "5565324" "5604097" "5641634" "5751629" "5770358" "5770455" "5840485" "5874214" "5903340" "5981180" "6043023" "6096494").PN.	USPAT	OR	ON	2004/09/27 11:23
26495	(435/6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM TDB	OR	OFF	2004/09/27 11:34
168	(((359/2).CCLs.) or ((359/566).CCLs.) or ((359/569).CCLs.) or ((359/558).CCLs.) or ((359/571).CCLs.) or ((359/572).CCLs.) or ((359/572).CCLs.) or ((356/72).CCLs.) or ((356/73.1).CCLs.) or ((385/12).CCLs.) or ((385/12).CCLs.) or ((250/559.04).CCLs.) or ((250/559.11).CCLs.) or ((250/559.4).CCLs.) or ((250/227.14).CCLs.) or ((250/227.29).CCLs.) or ((250/566).CCLs.) or ((250/568).CCLs.) or ((235/473).CCLs.) or ((435/4).CCLs.) or ((US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2004/09/27 11:58
76	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((35/473).CCLS.) or ((435/4).CCLS.) or ((535/473).CCLS.) or ((535/473).CCLS.) or ((535/473).CCLS.) or ((435/4).CCLS.) or ((535/473).CCLS.) or ((435/4).CCLS.) or ((535/473).CCLS.) or ((535/473).CCLS.) or ((535/473).CCLS.) or ((435/4).CCLS.) or ((535/473).CCLS.) or ((535/473).C	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:03
154	((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 12:12
0	WO-02061429-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2004/09/27 12:12
0	WO-0261429-\$,did.	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:12
	. 29 26495 168	((359/758),CCL.S.) or ((356/73.1),CCL.S.) or ((385/12),CCL.S.) or ((385/128), or ((356/72),CCL.S.) or ((356/73),CCL.S.) or ((250/559),41),CCL.S.) or ((250/559),CCL.S.) or ((255/473),CCL.S.) or ((435/4),CCL.S.) or ((435/48),CCL.S.)) or ((356/56),CCL.S.)) or ((356/73),CCL.S.) or ((435/4),CCL.S.) or (or nor nor exitents) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or in or molecule or atom\$2.)) 29 ("4539507" "4833092" "5534613" "5136572" "5141671" "5214409" "525962" "525701" "5266926" "5351052" "5405709" "5409783" "5434878" "5503805" "5503805" "5503805" "5503805" "5503805" "5570358" "5770455" "5840485" "584214" "5903340" "5981180" "6043023" "6096494"),PN. 26495 ((356/72),CCL.S.) or ((356/731),CCL.S.) or ((356/72),CCL.S.) or ((356/731),CCL.S.) or ((356/731),CCL.S.) or ((250/559),11),CCL.S.) or ((250/559),11),	((359/75).CCL.5.) or ((359/75).CCL.5.) or ((359/75).CCL.5.) or ((385/72).CCL.5.) or ((359/75).CCL.5.) or ((359/75).CCL.5.) or ((359/75).CCL.5.) or ((250/55904).CCL.5.) or ((250/55911). CCL.5.) or ((260/599.4).CCL.5.) or ((250/55904).CCL.5.) or ((250/727.29). CCL.5.) or ((260/599.4).CCL.5.) or ((250/559.CCL.5.) or ((250/727.29). CCL.5.) or ((350/56).CCL.5.) or ((250/568).CCL.5.) or ((250/727.29). CCL.5.) or ((350/56).CCL.5.) or ((250/568).CCL.5.) or ((250/727.29). CCL.5.) or ((350/566).CCL.5.) or ((350/568).CCL.5.) or ((250/569).CCL.5.) or ((350/576).CCL.5.) or ((350/576).CCL.5.) or ((350/576).CCL.5.) or ((350/576).CCL.5.) or ((350/566).CCL.5.) or (350/576).CCL.5.) or (350/576).CCL.5.) or (350/576).CCL.5.) or (350/576).CCL.5.) or (350/576).CCL.5.) or (350/576).CCL.5.) or (350/577).CCL.5.) or (350/	((3597/2)C.CL.5) or ((3597/3)C.CL.5) or ((3597/2)C.CL.5) or ((3597/2)C.CL.5) or ((3597/3)C.CL.5) or ((3597/3)C.CL.5) or ((3597/3)C.CL.5) or ((2507/359)C.CL.5) or ((2507/359)C.C	(3597/36)C.C.S.) or (3597/31)C.C.S.) or (3597/32)C.C.S.) or (3697/32)C.S.) or (3697/

535	0	WO-2002061429-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 12:12
			IBM_TDB			
536	1	WO-200261429-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ÓИ	2004/09/27 12:17
			IBM_TDB			
537	2	("20020127565").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/27 12:18
			IBM_TDB			
538	19	("4539507" "4833092" "5034613" "5136572" "5141671" "5214409" "5252962" "5257011" "5266926" "5351052" "5405709" "5409783" "5438878" "5448582" "5558904" "5565324" "5641634" "5751629" "5770455"),PN.	USPAT	OR	ON	2004/09/27 13:28
539	85	(((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 14:28
	ļ		IBM_TDB			
540	9	((435/6).CCLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 13:34
		or alompa))	IBM_TDB			_
541	6	((435/6).CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 14:02
			IBM_TDB			
542	77	((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2004/09/27 14:02
			IBM_TDB			·
543	333	(particle or bead or microparticle or micro?bead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:04
			IBM_TDB			
544	234	((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON .	2004/09/27 14:29
			IBM_TDB			
545	241	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:31
			; IBM_TDB			
			<u></u>			L

546	66	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4) with (vary\$3 or varia\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:07
		wiii (va y 45 oi va ia 4))	:			
547	150	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating near3 refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:49
0			; IBM_TDB			
548	2	((fiber or bragg or phase) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microbead or micro?particle or microbead or micro?particle or micro?near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:52
			: IBM_TDB	:		
549	32	grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:13
			IBM_TDB			
550	539	grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:14
			IBW_TDB			
S51	61	((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR ,	ON	2004/09/27 18:22
			IBM_TDB			
552	343	(((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:23
			IBM_TDB			
553	2	((((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$) and (refract\$ near3 ind\$4) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:23
		·	IBM_TDB			
554	2	((((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:23
			: IBM_TDB			
555	2	(((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and assay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:24
			: IBM_TDB			
S56	5	(((bragg or phase or fiber or hologra\$) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and assay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:25
		•	; IBM_TDB			

S57	9	(((bragg or phase or fiber or hologra\$) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$)) and assay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:29
			; IBM_TDB			
558	93	((bragg or phase or fiber or hologra\$) near3 grating) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 09:03
		·	: IBM_TDB			
559	37374	((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 12:27
			IBW_TDB			
560	4343	(((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2004/09/28
			IBM_TDB			V)
561	344	((((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))) and (assay\$3 or	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2004/09/28 11:11
		combinator\$)	IBM_TOB			
562	22407	((bragg or phase or fiber or hologra\$ or volume) near3 grating) or (period\$ with refract\$ with ind\$4 with grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28
			IBM_TDB			
563	2786	(((bragg or phase or fiber or hologra\$ or volume) near3 grating) or (period\$ with refract\$ with ind\$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:11
564	249	((((bragg or phase or fiber or hologra\$ or volume) near3 grating) or (period\$ with refract\$ with ind\$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28
565	167547	(index\$ or address\$) with (particle or bead or microparticle or microbead	US-PGPUB:	OR	ON	2004/09/28
		or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)	USPAT; EPO; JPO; DERWENT	J.,		11:22
			IBM_TDB			
566	6664	((index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 11:22
			IBW_TDB			
567	140	(((index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating) and (refract\$ near3 ind\$4) and (assay or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 11:40
			IBM_TDB			

	,					
568	1	("re37473").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;	OR	ÖFF	2004/09/28 11:41
			IBW_TDB			
569	1	("re37891").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR .	OFF	2004/09/28 11:41
			IBM_TDB]
570		("re33581").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 11:42
			IBM_TDB			
571	76	("4131337") or ("4386274") or ("4445229") or ("4560881") or ("4562157") or ("4647544") or ("4678752") or ("4685480") or ("4740688") or ("4748110") or ("4767719") or ("4816659") or ("4841140") or ("4877747") or ("4880752") or ("4882288") or ("4921805") or ("4931384") or ("4958376") or ("4992385") or ("5003600") or ("5033826") or ("5067155") or ("5081012") or ("5089387") or ("5138468")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 11:59
		or ("5141848") or ("5144461") or ("5166813")).PN				
572	97	(("5196350") or ("5200794") or ("5291006") or ("5291027") or ("5300764") or ("5310686") or ("5349442") or ("5352582") or ("5364797") or ("5374816") or ("5374818") or ("5394234") or ("54642433") or ("5468659") or ("5461528") or ("5461475") or ("5465176") or ("5468649") or ("5506674") or ("5514785") or ("5528045") or ("5528045") or ("5627040") or ("5585639") or ("5603784") or ("5633724") or ("5663790") or ("5667976") or ("5721912") or ("5721435") or ("5729365") or ("5736330") or ("5742432") or ("5799231") or ("5760961") or ("5801857") or ("5804384") or ("5822472") or ("5824478") or ("5824557") or ("5831698") or ("5837475") or ("58415555")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:18
573	4	(("5451528") or ("5712912")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;	OR	OFF	2004/09/28 12:19
, ,		(/HEOA/727II) /HEO7A107II) - /HEOAF7FOII) - /HEOAF7FOII)	IBM_TDB			
574	96	(("5846737") or ("5874187") or ("5895750") or ("5922550") or ("5925562") or ("5925562") or ("5925878") or ("5945679") or ("5986838") or ("5989923") or ("5989923") or ("6001510") or ("6017754") or ("6025129") or ("6025283") or ("6036807") or ("6043880") or ("6046925") or ("6049727") or ("6057107") or ("6060256") or ("6046925") or ("6049727") or ("6078048") or ("6067167") or ("6067392") or ("6078048") or ("6087186") or ("6097485") or ("6103535") or ("6118127") or ("6160240") or ("6160656") or ("6164548") or ("6165592") or ("6165648") or ("6194563") or ("6218194") or ("6221579") or ("6229635") or ("6259450") or ("623939") or ("6301047") or ("6304263") or ("6306587") or ("6319668") or ("6312961") or ("6313771") or ("6314220") or ("6319668")).PN	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28
لـــــا		(0012000 <i>)).</i> FIN.				

	T	r		r		
S75	72	(("6322932") or ("6329963") or ("6331273") or ("6352854") or ("6355198") or ("6371370") or ("6372428") or ("6399295") or ("6406841") or ("6406848") or ("6416714") or ("6417010") or ("6428707") or ("6428957") or ("6433849") or ("6436651") or ("6489606") or ("6496287") or ("6506342") or ("6515753") or ("6522406") or ("6524793") or ("6533183") or ("6560017") or ("6565770") or ("6592036") or ("6594421") or ("6609728") or ("6613581") or ("6618342") or ("6622916") or ("6628439") or ("6632655") or ("6635470") or ("6678429") or ("6689316") or ("6692912")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:48
576	12	(("20020090650") or ("20030129654") or ("20020022273") or ("20030138208") or ("20030032203") or ("20030021003")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;	OR	OFF	2004/09/28 12:52
577	4	(("5671308") or ("6340588")).PN.	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	OFF	2004/09/28 12:52
578	4262	(436/518).CCLS.	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	OFF	2004/09/28 12:59
579	742	(436/524).CCLS.	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:58
580	524	(436/525). <i>CC</i> LS.	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 · 12:58
581	627	(436/526).CCLS.	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:58
582	786	(436/527).CCLS.	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:58
583	. 940	(436/528). <i>CC</i> LS.	: IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT :	OR	OFF	2004/09/28 12:59
L			IBM_TDB			

584	1346	(436/531).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:59
			IBM_TDB			
S85	6123	((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/531).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON .	2004/09/28 12:59
			IBM_TDB			
586	144	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 13:00
	201	/// ADV /540 ADV (504 ADV /504 ADV /505 ADV /505 ADV ADV	IBM_TDB			
587	226	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/28 13:49
588′	442	(modulat\$ with refract\$ with ind\$4 with grating) and (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2004/09/28 13:51
600	24		IBM_TDB			
589	34	(modulat\$ with refract\$ with ind\$4 with grating) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/29 09:49
			IBM_TDB			
590	2	WO-9636436-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/29 09:58
			IBM_TDB			
591	120	(LED or (light near3 emi\$5 near3 diode)) same bragg same (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2004/09/29 09:59
			IBM_TDB			1

92	18	((US-6785433-\$ or US-5089387-\$ or US-6751387-\$ or US-6694067-\$	US-PGPUB;	OR	ON	2004/09/29
		or US-6542673-\$ or US-6506342-\$ or US-6096496-\$ or US-6483096-\$	USPAT;			12:15
i		or US-6436651-\$ or US-6434298-\$ or US-6399295-\$ or US-6395558-\$	EPO; JPO;			
-		or US-6350413-\$ or US-6317528-\$ or US-6312961-\$ or US-6289144-\$	DERWENT			
1		or US-6078705-\$ or US-6035082-\$ or US-6005691-\$ or US-5994150-\$:		İ	
i		or U5-5961924-\$ or U5-5832165-\$ or U5-5822472-\$ or U5-5814565-\$	IBM_TDB			
		or US-5745615-\$ or US-5646400-\$).did. or (US-5455178-\$ or				
i		U5-5446534-\$ or US-5210404-\$ or US-5172250-\$ or US-5113286-\$ or				
		US-5082629-\$ or US-4892385-\$ or US-4815843-\$ or US-4767719-\$ or				
		US-4576439-\$ or US-6591054-\$ or US-5903340-\$ or US-5770455-\$ or				
		US-5565324-\$ or US-6365907-\$ or US-5841555-\$ or US-5627663-\$ or				
		US-5066133-\$ or US-4568141-\$ or US-6586193-\$ or US-6579673-\$ or			ĺ	
		US-6352828-\$ or US-6280935-\$ or US-6268222-\$ or US-6251691-\$ or				
		US-6235475-\$ or US-6214560-\$).did. or (US-6172218-\$ or				
		US-6172214-\$ or US-6150516-\$ or US-5846719-\$ or US-5352582-\$ or				
-		US-5780231-\$ or US-6469785-\$ or US-6087655-\$ or US-5793485-\$ or				
		US-5784157-\$ or US-5608519-\$ or US-5071248-\$ or US-4876208-\$ or				
		US-6093536-\$ or US-5100238-\$ or US-4647544-\$ or US-6437345-\$ or				
		US-5922550-\$ or US-RE33581-\$ or US-5118608-\$ or US-5081012-\$ or			İ	
		US-5003600-\$ or US-4931384-\$ or US-4880752-\$ or US-4023010-\$ or				
		US-4011435-\$ or US-5742432-\$).did. or (US-5729365-\$ or				
-		US-5506674-\$ or US-5442433-\$ or US-5394234-\$ or US-5374816-\$ or				
		US-5300764-\$ or US-5291027-\$ or US-6314220-\$ or US-6292282-\$ or				
		US-6221579-\$ or US-6087186-\$ or US-6060256-\$ or US-6036807-\$ or				ł
		US-5925878-\$ or US-5671308-\$ or US-6346376-\$ or US-5989923-\$ or				
		US-5478527-\$ or US-5156810-\$).did. or (US-20040179267-\$ or				1
		US-20040179266-\$ or US-20040132172-\$ or US-20040130786-\$ or				
		US-20040130761-\$ or US-20040125424-\$ or US-20040075907-\$ or				
		US-20040022475-\$ or US-20030231818-\$ or US-20030215185-\$ or				
		US-20030138207-\$ or US-20030133640-\$ or US-20020141702-\$ or				
		US-20020076154-\$ or US-20020041724-\$ or US-20020041723-\$ or				
		US-20040130760-\$ or US-20040021945-\$ or US-20030219205-\$ or				
		US-20020196994-\$ or US-20020191913-\$ or US-20040181344-\$ or				
		US-20020127565-\$ or US-20040126875-\$ or US-20040038307-\$ or				
		US-20030207258-\$).did. or (US-20030207257-\$ or US-20030207255-\$				
		or US-20030207254-\$ or US-20030207253-\$ or US-20030113766-\$ or				
		US-20030104390-\$ or US-20030059855-\$ or US-20030032039-\$ or				
		US-20030027328-\$ or US-20030027327-\$ or US-20030017581-\$ or				
- 1		US-20020028451-\$ or US-20010004526-\$ or US-20030049620-\$ or				
		US-20020155507-\$ or US-20040151626-\$ or US-20040132214-\$ or				
		US-20040132205-\$ or US-20030092075-\$ or US-20030026891-\$ or			ŀ	
		US-20030017580-\$ or US-20020192680-\$ or US-20020168295-\$ or				
		US-20020025534-\$ or US-20040145752-\$ or US-20030068657-\$ or				
1		U5-20030124599-\$).did. or (U5-20040175843-\$ or U5-20040175842-\$				
		or US-20030129654-\$ or US-20030077660-\$ or US-20030162296-\$ or	ŀ		l	
		US-20030142713-\$ or US-20030142704-\$ or US-20040053295-\$ or	l		1	
		US-20040046128-\$ or US-20030207328-\$ or US-20030157731-\$ or	l			
		US-20030148542-\$ or US-20030132406-\$ or US-20030082587-\$ or				
		US-20020104762-\$ or US-20020090613-\$ or US-20040063146-\$ or				
		US-20030207256-\$ or US-20020034457-\$ or US-20020022273-\$ or	ŀ			
		US-20010031503-\$).did. or (WO-9636436-\$),did. or	ļ			1
		(US-20020127565-\$).did.) and (magnet\$ same (orient\$ or align\$))				1

593	60	((US-6785433-\$ or US-5089387-\$ or US-6751387-\$ or US-6694067-\$	US-PGPUB;	OR	ON	2004/09/29
		or US-6542673-\$ or US-6506342-\$ or US-6096496-\$ or US-6483096-\$	USPAT;			12:54
		or US-6436651-\$ or US-6434298-\$ or US-6399295-\$ or US-6395558-\$	EPO; JPO;			
		or US-6350413-\$ or US-6317528-\$ or US-6312961-\$ or US-6289144-\$	DERWENT		l	
ļ		or US-6078705-\$ or US-6035082-\$ or US-6005691-\$ or US-5994150-\$;		ľ	
		or US-5961924-\$ or US-5832165-\$ or US-5822472-\$ or US-5814565-\$	IBW_TDB		-	
		or US-5745615-\$ or US-5646400-\$).did. or (US-5455178-\$ or			1	
		US-5446534-\$ or US-5210404-\$ or US-5172250-\$ or US-5113286-\$ or			1	
		US-5082629-\$ or US-4892385-\$ or US-4815843-\$ or US-4767719-\$ or			1	
		US-4576439-\$ or US-6591054-\$ or US-5903340-\$ or US-5770455-\$ or		İ		
.		US-5565324-\$ or US-6365907-\$ or US-5841555-\$ or US-5627663-\$ or				}
		US-5066133-\$ or US-4568141-\$ or US-6586193-\$ or US-6579673-\$ or]		
		US-6352828-\$ or US-6280935-\$ or US-6268222-\$ or US-6251691-\$ or				
		US-6235475-\$ or US-6214560-\$).did. or (US-6172218-\$ or				
		US-6172214-\$ or US-6150516-\$ or US-5846719-\$ or US-5352582-\$ or		l		
		US-5780231-\$ or US-6469785-\$ or US-6087655-\$ or US-5793485-\$ or				
		US-5784157-\$ or US-5608519-\$ or US-5071248-\$ or US-4876208-\$ or				
- 1		US-6093536-\$ or US-5100238-\$ or US-4647544-\$ or US-6437345-\$ or				
		US-5922550-\$ or US-RE33581-\$ or US-5118608-\$ or US-5081012-\$ or				
İ		US-5003600-\$ or US-4931384-\$ or US-4880752-\$ or US-4023010-\$ or	•	ļ	ļ	ľ
		US-4011435-\$ or US-5742432-\$).did. or (US-5729365-\$ or		i		
		US-5506674-\$ or US-5442433-\$ or US-5394234-\$ or US-5374816-\$ or				
		US-5300764-\$ or US-5291027-\$ or US-6314220-\$ or US-6292282-\$ or				ļ
- 1		US-6221579-\$ or US-6087186-\$ or US-6060256-\$ or US-6036807-\$ or				ļ
		US-5925878-\$ or US-5671308-\$ or US-6346376-\$ or US-5989923-\$ or			i	
		US-5478527-\$ or US-5156810-\$),did, or (US-20040179267-\$ or				
		US-20040179266-\$ or US-20040132172-\$ or US-20040130786-\$ or				ļ
		US-20040130761-\$ or US-20040125424-\$ or US-20040075907-\$ or				
		US-20040022475-\$ or US-20030231818-\$ or US-20030215185-\$ or				
		• • • • • • • • • • • • • • • • • • • •			i.	
		US-20030138207-\$ or US-20030133640-\$ or US-20020141702-\$ or				
		US-20020076154-\$ or US-20020041724-\$ or US-20020041723-\$ or		3		
		US-20040130760-\$ or US-20040021945-\$ or US-20030219205-\$ or				
ı		US-20020196994-\$ or US-20020191913-\$ or US-20040181344-\$ or				
		US-20020127565-\$ or US-20040126875-\$ or US-20040038307-\$ or				
		US-20030207258-\$).did. or (US-20030207257-\$ or US-20030207255-\$				
		or U5-20030207254-\$ or U5-20030207253-\$ or U5-20030113766-\$ or				
		US-20030104390-\$ or US-20030059855-\$ or US-20030032039-\$ or				
		US-20030027328-\$ or US-20030027327-\$ or US-20030017581-\$ or				
		U5-20020028451-\$ or U5-20010004526-\$ or U5-20030049620-\$ or	-			
		US-20020155507-\$ or US-20040151626-\$ or US-20040132214-\$ or				
		US-20040132205-\$ or US-20030092075-\$ or US-20030026891-\$ or				
		US-20030017580-\$ or US-20020192680-\$ or US-20020168295-\$ or				
- 1		US-20020025534-\$ or US-20040145752-\$ or US-20030068657-\$ or	•			
		US-20030124599-\$).did. or (US-20040175843-\$ or US-20040175842-\$			1	
		or US-20030129654-\$ or US-20030077660-\$ or US-20030162296-\$ or				,
		US-20030142713-\$ or US-20030142704-\$ or US-20040053295-\$ or				
1		US-20040046128-\$ or US-20030207328-\$ or US-20030157731-\$ or				1
		US-20030148542-\$ or US-20030132406-\$ or US-20030082587-\$ or			ĺ	1
		US-20020104762-\$ or US-20020090613-\$ or US-20040063146-\$ or				1
		US-20030207256-\$ or US-20020034457-\$ or US-20020022273-\$ or				1
		US-20010031503-\$).did. or (WO-9636436-\$).did. or				1
1		(US-20020127565-\$).did.) and (low\$5 with refract\$ with ind\$4)				1

594	29	((US-6785433-\$ or US-5089387-\$ or US-6751387-\$ or US-6694067-\$	US-PGPUB;	OR	ON	2004/09/29	1
		or US-6542673-\$ or US-6506342-\$ or US-6096496-\$ or US-6483096-\$	USPAT;			12:56	١
		or US-6436651-\$ or US-6434298-\$ or US-6399295-\$ or US-6395558-\$	EPO; JPO;				
		or US-6350413-\$ or US-6317528-\$ or US-6312961-\$ or US-6289144-\$	DERWENT				
i		or US-6078705-\$ or US-6035082-\$ or US-6005691-\$ or US-5994150-\$:				
		or US-5961924-\$ or US-5832165-\$ or US-5822472-\$ or US-5814565-\$	IBM_TDB				1
		or US-5745615-\$ or US-5646400-\$),did. or (US-5455178-\$ or					
		US-5446534-\$ or US-5210404-\$ or US-5172250-\$ or US-5113286-\$ or					
		US-5082629-\$ or US-4892385-\$ or US-4815843-\$ or US-4767719-\$ or					
	•	US-4576439-\$ or US-6591054-\$ or US-5903340-\$ or US-5770455-\$ or	:				
		US-5565324-\$ or US-6365907-\$ or US-5841555-\$ or US-5627663-\$ or					
		US-5066133-\$ or US-4568141-\$ or US-6586193-\$ or US-6579673-\$ or				,	
		US-6352828-\$ or US-6280935-\$ or US-6268222-\$ or US-6251691-\$ or			İ		-
		US-6235475-\$ or US-6214560-\$).did. or (US-6172218-\$ or					
		US-6172214-\$ or US-6150516-\$ or US-5846719-\$ or US-5352582-\$ or					-
		US-5780231-\$ or US-6469785-\$ or US-6087655-\$ or US-5793485-\$ or					
		US-5784157-\$ or US-5608519-\$ or US-5071248-\$ or US-4876208-\$ or					1
		US-6093536-\$ or US-5100238-\$ or US-4647544-\$ or US-6437345-\$ or					
1		US-5922550-\$ or US-RE33581-\$ or US-5118608-\$ or US-5081012-\$ or					
		US-5003600-\$ or US-4931384-\$ or US-4880752-\$ or US-4023010-\$ or					
		US-4011435-\$ or US-5742432-\$).did. or (US-5729365-\$ or					
		US-5506674-\$ or US-5442433-\$ or US-5394234-\$ or US-5374816-\$ or					
		US-5300764-\$ or US-5291027-\$ or US-6314220-\$ or US-6292282-\$ or					
		US-6221579-\$ or US-6087186-\$ or US-6060256-\$ or US-6036807-\$ or					
- 1		US-5925878-\$ or US-5671308-\$ or US-6346376-\$ or US-5989923-\$ or			1		
- 1		US-5478527-\$ or US-5156810-\$).did. or (US-20040179267-\$ or					
- 1		US-20040179266-\$ or US-20040132172-\$ or US-20040130786-\$ or			ŀ		-
- 1		US-20040130761-\$ or US-20040125424-\$ or US-20040075907-\$ or			ĺ		-
		US-20040022475-\$ or US-20030231818-\$ or US-20030215185-\$ or			l		ļ
		US-20030138207-\$ or US-20030133640-\$ or US-20020141702-\$ or					
		US-20020076154-\$ or US-20020041724-\$ or US-20020041723-\$ or					
- 1		US-20040130760-\$ or US-20040021945-\$ or US-20030219205-\$ or					
- 1		US-20020196994-\$ or US-20020191913-\$ or US-20040181344-\$ or					
		US-20020127565-\$ or US-20040126875-\$ or US-20040038307-\$ or					1
		US-20030207258-\$).did. or (US-20030207257-\$ or US-20030207255-\$				1.	ı
		or US-20030207254-\$ or US-20030207253-\$ or US-20030113766-\$ or					
l		US-20030104390-\$ or US-20030059855-\$ or US-20030032039-\$ or					
		US-20030027328-\$ or US-20030027327-\$ or US-20030017581-\$ or					
- 1		US-20020028451-\$ or US-20010004526-\$ or US-20030049620-\$ or					
		US-20020155507-\$ or US-20040151626-\$ or US-20040132214-\$ or					
		U5-20040132205-\$ or U5-20030092075-\$ or U5-20030026891-\$ or				•	
		US-20030017580-\$ or US-20020192680-\$ or US-20020168295-\$ or					
		US-20020025534-\$ or US-20040145752-\$ or US-20030068657-\$ or					
		US-20030124599-\$).did. or (US-20040175843-\$ or US-20040175842-\$					Į
- 1		or US-20030129654-\$ or US-20030077660-\$ or US-20030162296-\$ or					1
		US-20030142713-\$ or US-20030142704-\$ or US-20040053295-\$ or				1	i
		U5-20040046128-\$ or U5-20030207328-\$ or U5-20030157731-\$ or					
		U5-20030148542-\$ or U5-20030132406-\$ or U5-20030082587-\$ or					İ
		US-20020104762-\$ or US-20020090613-\$ or US-20040063146-\$ or					
		US-20030207256-\$ or US-20020034457-\$ or US-20020022273-\$ or		•			-
		US-20010031503-\$).did. or (WO-9636436-\$).did. or					
- 1		(US-20020127565-\$).did.) and (low\$5 with refract\$ with ind\$4 with					-
		grating)			l		-

95	175	(US-6785433-\$ or US-5089387-\$ or US-6751387-\$ or US-6694067-\$	US-PGPUB;	OR	OFF	2004/09/30
۱ ۱	1/3	or US-6542673-\$ or US-6506342-\$ or US-6096496-\$ or US-6483096-\$	USPAT;	OR	01-1	13:13
		or US-6436651-\$ or US-6434298-\$ or US-6399295-\$ or US-6395558-\$	EPO:	İ		13.13
		or US-6350413-\$ or US-6317528-\$ or US-6312961-\$ or US-6289144-\$				
		or US-6078705-\$ or US-6035082-\$ or US-6005691-\$ or US-5994150-\$	DERWENT			
		· · · · · · · · · · · · · · · · · · ·			1	
		or US-5961924-\$ or US-5832165-\$ or US-5822472-\$ or US-5814565-\$		ļ	1	1
		or US-5745615-\$ or US-5646400-\$).did. or (US-5455178-\$ or		1		
ľ		US-5446534-\$ or US-5210404-\$ or US-5172250-\$ or US-5113286-\$ or				
		US-5082629-\$ or US-4892385-\$ or US-4815843-\$ or US-4767719-\$ or]
		US-4576439-\$ or US-6591054-\$ or US-5903340-\$ or US-5770455-\$ or				
		US-5565324-\$ or US-6365907-\$ or US-5841555-\$ or US-5627663-\$ or		į		
		US-5066133-\$ or US-4568141-\$ or US-6586193-\$ or US-6579673-\$ or				
		US-6352828-\$ or US-6280935-\$ or US-6268222-\$ or US-6251691-\$ or				Ĭ
- 1		US-6235475-\$ or US-6214560-\$).did. or (US-6172218-\$ or				
- 1		US-6172214-\$ or US-6150516-\$ or US-5846719-\$ or US-5352582-\$ or		ļ	Į.	
- 1		US-5780231-\$ or US-6469785-\$ or US-6087655-\$ or US-5793485-\$ or				
		US-5784157-\$ or US-5608519-\$ or US-5071248-\$ or US-4876208-\$ or	-			1
ı		US-6093536-\$ or US-5100238-\$ or US-4647544-\$ or US-6437345-\$ or			1	
		US-5922550-\$ or US-RE33581-\$ or US-5118608-\$ or US-5081012-\$ or			1	
		US-5003600-\$ or US-4931384-\$ or US-4880752-\$ or US-4023010-\$ or				
		US-4011435-\$ or US-5742432-\$).did. or (US-5729365-\$ or				
		US-5506674-\$ or US-5442433-\$ or US-5394234-\$ or US-5374816-\$ or				
		US-5300764-\$ or US-5291027-\$ or US-6314220-\$ or US-6292282-\$ or				
		US-6221579-\$ or US-6087186-\$ or US-6060256-\$ or US-6036807-\$ or				
- 1		US-5925878-\$ or US-5671308-\$ or US-6346376-\$ or US-5989923-\$ or				
		US-5478527-\$ or US-5156810-\$).did. or (US-20040179267-\$ or				
-		US-20040179266-\$ or US-20040132172-\$ or US-20040130786-\$ or				1
		US-20040130761-\$ or US-20040125424-\$ or US-20040075907-\$ or			1	
		US-20040022475-\$ or US-20030231818-\$ or US-20030215185-\$ or			İ	ł
		US-20030138207-\$ or US-20030133640-\$ or US-20020141702-\$ or				
-		US-20020076154-\$ or US-20020041724-\$ or US-20020041723-\$ or				
- 1		US-20040130760-\$ or US-20040021945-\$ or US-20030219205-\$ or				'
ŀ		US-20020196994-\$ or US-20020191913-\$ or US-20040181344-\$ or				
		US-20020127565-\$ or US-20040126875-\$ or US-20040038307-\$ or				}
- 1		US-20030207258-\$).did. or (US-20030207257-\$ or US-20030207255-\$				
		or US-20030207254-\$ or US-20030207253-\$ or US-20030113766-\$ or				1
		US-20030104390-\$ or US-20030059855-\$ or US-20030032039-\$ or				
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		US-20030027328-\$ or US-20030027327-\$ or US-20030017581-\$ or				
		US-20020028451-\$ or US-20010004526-\$ or US-20030049620-\$ or				
		US-20020155507-\$ or US-20040151626-\$ or US-20040132214-\$ or				
		US-20040132205-\$ or US-20030092075-\$ or US-20030026891-\$ or				
		US-20030017580-\$ or US-20020192680-\$ or US-20020168295-\$ or			1	ŀ
- 1		US-20020025534-\$ or US-20040145752-\$ or US-20030068657-\$ or				
		U5-20030124599-\$).did. or (U5-20040175843-\$ or U5-20040175842-\$			Í	
		or US-20030129654-\$ or US-20030077660-\$ or US-20030162296-\$ or	·			
		US-20030142713-\$ or US-20030142704-\$ or US-20040053295-\$ or				
		US-20040046128-\$ or US-20030207328-\$ or US-20030157731-\$ or				i
		US-20030148542-\$ or US-20030132406-\$ or US-20030082587-\$ or			1	l
		US-20020104762-\$ or US-20020090613-\$ or US-20040063146-\$ or				
		US-20030207256-\$ or US-20020034457-\$ or US-20020022273-\$ or				
		US-20010031503-\$).did. or (WO-9636436-\$).did. or				
- 1		(US-20020127565-\$).did.			1	

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596	15	((US-6785433-\$ or US-5089387-\$ or US-6751387-\$ or US-6694067-\$ or US-6542673-\$ or US-6506342-\$ or US-6096496-\$ or US-6483096-\$	US-PGPUB; USPAT;	OR	ON	2004/09/30
		or US-6436651-\$ or US-6434298-\$ or US-6399295-\$ or US-6395558-\$	EPO; JPO;		1	
		or US-6350413-\$ or US-6317528-\$ or US-6312961-\$ or US-6289144-\$	DERWENT			
		or US-6078705-\$ or US-6035082-\$ or US-6005691-\$ or US-5994150-\$	1 :	1		
		or US-5961924-\$ or US-5832165-\$ or US-5822472-\$ or US-5814565-\$	IBM_TDB			
		or US-5745615-\$ or US-5646400-\$),did, or (US-5455178-\$ or				
	•	US-5446534-\$ or US-5210404-\$ or US-5172250-\$ or US-5113286-\$ or				
		US-5082629-\$ or US-4892385-\$ or US-4815843-\$ or US-4767719-\$ or				
		US-4576439-\$ or US-6591054-\$ or US-5903340-\$ or US-5770455-\$ or				
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	į	US-5066133-\$ or US-4568141-\$ or US-6586193-\$ or US-6579673-\$ or	j		ĺ	
		US-6352828-\$ or US-6280935-\$ or US-6268222-\$ or US-6251691-\$ or		ł		
		US-6235475-\$ or US-6214560-\$).did, or (US-6172218-\$ or		ł	ļ	
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•		US-5780231-\$ or US-6469785-\$ or US-6087655-\$ or US-5793485-\$ or				
		US-5784157-\$ or US-5608519-\$ or US-5071248-\$ or US-4876208-\$ or				
		US-6093536-\$ or US-5100238-\$ or US-4647544-\$ or US-6437345-\$ or		l		
		US-5922550-\$ or US-RE33581-\$ or US-5118608-\$ or US-5081012-\$ or				
		US-5003600-\$ or US-4931384-\$ or US-4880752-\$ or US-4023010-\$ or				
		US-4011435-\$ or US-5742432-\$),did, or (US-5729365-\$ or				
		US-5506674-\$ or US-5442433-\$ or US-5394234-\$ or US-5374816-\$ or				
		US-5300764-\$ or US-5291027-\$ or US-6314220-\$ or US-6292282-\$ or			l	
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		US-5925878-\$ or US-5671308-\$ or US-6346376-\$ or US-5989923-\$ or				
		US-5478527-\$ or US-5156810-\$).did. or (US-20040179267-\$ or				
		US-20040179266-\$ or US-20040132172-\$ or US-20040130786-\$ or		•		
		US-20040130761-\$ or US-20040125424-\$ or US-20040075907-\$ or				
		US-20040022475-\$ or US-20030231818-\$ or US-20030215185-\$ or				
		US-20030138207-\$ or US-20030133640-\$ or US-20020141702-\$ or				
		US-20020076154-\$ or US-20020041724-\$ or US-20020041723-\$ or				
	1	US-20040130760-\$ or US-20040021945-\$ or US-20030219205-\$ or		ļ.		
		US-20020196994-\$ or US-20020191913-\$ or US-20040181344-\$ or		:		
		US-20020127565-\$ or US-20040126875-\$ or US-20040038307-\$ or		1		
		US-20030207258-\$).did. or (US-20030207257-\$ or US-20030207255-\$		l		
		or US-20030207254-\$ or US-20030207253-\$ or US-20030113766-\$ or				
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		US-20030027328-\$ or US-20030027327-\$ or US-20030017581-\$ or				
	ľ	US-20020028451-\$ or US-20010004526-\$ or US-20030049620-\$ or				
		US-20020155507-\$ or US-20040151626-\$ or US-20040132214-\$ or			i	
		US-20040132205-\$ or US-20030092075-\$ or US-20030026891-\$ or				
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		US-20020025534-\$ or US-20040145752-\$ or US-20030068657-\$ or				
		US-20030124599-\$).did. or (US-20040175843-\$ or US-20040175842-\$				
		or US-20030129654-\$ or US-20030077660-\$ or US-20030162296-\$ or				
		US-20030142713-\$ or US-20030142704-\$ or US-20040053295-\$ or		1		
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		US-20020104762-\$ or US-20020090613-\$ or US-20040063146-\$ or				
]	US-20030207256-\$ or US-20020034457-\$ or US-20020022273-\$ or				
	1 .	US-20010031503-\$).did. or (WO-9636436-\$).did. or				
		(US-20020127565-\$).did.) and split and pool				
co=						
597	394	combinator\$ and (split\$4 near3 pool\$3)	US-PGPUB;	OR	ON	2004/09/30
			USPAT;			13:20
			EPO; JPO;			
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5104	2	("6692031").PN.	HE DONLING	00	OFF	2005 (05 (05
3104		(0072031 J.FIN.	US-PGPUB;	OR	OFF	2005/05/05
		· ·	USPAT;			17:16
]		EPO; JPO;			
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			; IBM_TDB ;			
			IN SECTION			

S105	646	((((359/2).CCLs.) or ((359/566).CCLs.) or ((359/569).CCLs.) or ((359/558).CCLs.) or ((359/571).CCLs.) or ((359/572).CCLs.) or ((356/72).CCLs.) or ((356/73.1).CCLs.) or ((385/12).CCLs.) or ((385/37).CCLs.) or ((250/559.04).CCLs.) or ((250/559.11). CCLs.) or ((250/559.4).CCLs.) or ((250/227.14).CCLs.) or ((250/227.29). CCLs.) or ((250/566).CCLs.) or ((250/568).CCLs.) or ((235/473).CCLs.) or ((435/4).CCLs.) or ((435/4).CCLs.) or ((435/4).CCLs.) or ((435/4).CCLs.) or ((435/4).CCLs.) or ((435/4).CCLs.) and ((435/4).CCLs.) or ((435/4).CCLs.) and ((435/4).CCLs.) or	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/05 19:00
5106	337	(((359/2),CCLS.) or ((359/566),CCLS.) or ((359/569),CCLS.) or ((359/558),CCLS.) or ((359/571),CCLS.) or ((359/572),CCLS.) or ((356/72),CCLS.) or ((356/73.1),CCLS.) or ((385/12),CCLS.) or ((385/12),CCLS.) or ((385/37),CCLS.) or ((250/559.04),CCLS.) or ((250/559.11),CCLS.) or ((250/559.4),CCLS.) or ((250/227.14),CCLS.) or ((250/227.29),CCLS.) or ((250/566),CCLS.) or ((250/568),CCLS.) or ((235/473),CCLS.) or ((435/4),CCLS.) or ((435/288.7),CCLS.)) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2005/05/05 19:01
5107	193	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/05 19:01
5108	84	(((359/2),CCLS.) or ((359/566),CCLS.) or ((359/569),CCLS.) or ((359/558),CCLS.) or ((359/571),CCLS.) or ((359/572),CCLS.) or ((356/72),CCLS.) or ((356/73.1),CCLS.) or ((385/12),CCLS.) or ((385/12),CCLS.) or ((385/37),CCLS.) or ((250/559.04),CCLS.) or ((250/559.11),CCLS.) or ((250/559.4),CCLS.) or ((250/227.14),CCLS.) or ((250/227.29),CCLS.) or ((250/566),CCLS.) or ((250/568),CCLS.) or ((235/473),CCLS.) or ((435/4),CCLS.) or ((435/48,7),CCLS.)) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05
5109	174	((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/05 19:01
5110	97	(((435/6).CCL5.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/05 19:01
5111	11	((435/6).CCLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/05 19:01
5112	8	((435/6).CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/05 19:02
I	L		TOW_IOR		ı	1

	same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	USPAT; EPO; JPO; DERWENT ; IBM TDB			19:02
150	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/05 19:02
246	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/531).CCLS.)) and grating	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2005/05/05 19:03
6	(("20040247229") or ("20040247486") or ("20040197816")).PN.	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/05 19:56
28	(optic\$4 near4 (vary\$4 or varia\$4) near4 (device or element)) same .hologra\$ same embed\$	IBM_TDB US-PGPUB; USPAT; EPO: JPO; DERWENT	OR	ON	2005/05/05 20:00
16	(optic\$4 near4 (vary\$4 or varia\$4) near4 (device or element)) and (hologra\$ same embed\$ same substrate)	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR .	ON	2005/05/05 20:01
	246 6 28	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/528).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4) (((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating (("20040247229") or ("20040247486") or ("20040197816")).PN. (optic\$4 near4 (vary\$4 or varia\$4) near4 (device or element)) same hologra\$ same embed\$	IBM_TDB US-PGPUB; US-PGP	IBM_TDB US-PGPUB; OR US-PGPUB;	IBM_TDB US-PGPUB; USPAT; EPO; JPO; USPAT; USPAT; USPAT; USPAT; USPAT; USP